Summer Semester 2023 – Lectures in English Language

Please note:

- The lectures are listed according to the faculty/study program that offers them. If you fulfill the prerequisites you can take any course from any faculty/study program.
- If you take courses from different programs and semesters, there might be conflicts in the time table. The time table, however, will only be announced shortly before the lecture period starts.
- The list is provisional and subject to change.
- The red numbers refer to our Campus Management System LSF and allow you to find detailed course descriptions, see https://www.lsf.hs-weingarten.de.
- "hrs/week" = hours per week per semester, 1 hour = 45 minutes.
- With the exception of "Technology Management and Optimization", the lectures offered in the frame of Master programs are also open for advanced Bachelor students.

ELECTRICAL ENGINEERING AND INFORMATION TECHNOLOGY (BACHELOR PROGRAM) – ENGLISH TAUGHT STUDY PROGRAM
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First Semester

4233   Electrical Engineering 1: Analysis of Electric Networks (Jobke)
4 hrs/week   5 ECTS credits

288   Mathematics 1: Analysis 1 with Exercises (Elser)
4 hrs/week   5 ECTS credits

3000   Mathematics 2: Linear Algebra with Exercises (Elser)
4 hrs/week   5 ECTS credits
5432   Mathematics Tutorial – Linear Algebra, Analysis 1 (Elser, Berens)

4341   Programming (Koch)
4 hrs/week   5 ECTS credits

1850   Digital Technology (Siggelkow)
4 hrs/week   5 ECTS credits
1438   Digital Technology Practical (Siggelkow)
4 hrs/week   ? ECTS credits

1402   Physics Mechanics/ Physics 1 (Doderer, Sieber)
4 hrs/week   5 ECTS credits

Third Semester

4240   Electrical Engineering 3: Circuit analysis in the time and frequency domains (Berens)
4 hrs/week   5 ECTS credits

5139   Metrology 2 (Pfeil)
2 hrs/week   5 ECTS credits

1809   Computer Technology Practical (Jobke)
4 hrs/week   5 ECTS credits

1815   Electronics (Ludescher)
4 hrs/week   5 ECTS credits

1816   Electronics, Practical Training: Linear Metrology (Reusch)
4 hrs/week

Robotics – Module: 5 ECTS credits
5761   Robotics + Lab (Wöllhaf, Glönkler, Stehle)
4 hrs/week
5768   Robotics Practical
4 hrs/week

Electrical Engineering Practical – Module **5 ECTS**
5891   Basic Practical Electrical Engineering 1: Basic Circuit (Pfeil/ Weber/ Fessler)
2 hrs/week   3 ECTS credits
7079   Basis Practical Course Electrical Engineering 2: Implementation and Verification (Ruf)
2 hrs/week   2 ECTS credits
Possible to take as individual course – ECTS to clarify directly with professor

Computer–Aided Circuit Design 1 – Module: 5 ECTS
7077   Basis Practical Training Engineering 3: Programming of uC (Ludescher)
2 hrs/week
1911   Circuit Design Practical Training (Ludescher)
2 hrs/week

Fourth Semester

10159 Embedded GUI (Berger)
4 hrs/week   5 ECTS credits

Sixth/ Seventh Semester

1501   Internet Applications Lecture and Practical (Fechter)
4 hrs/week   5 ECTS credits

5298   Electric Drives/ Power Train Engineering (Farkas)
4 hrs/week   5 ECTS credits

Real-Time Programming, Module: 5 ECTS credits
1494 *Real Time Programming (Pfeil)*
4 hrs/week
1495 *Real Time Programming Lab (Weissensbühler)*
4 hrs/week   5 ECTS credits

7552 **Robocup@Home League Seminar** (Stähle)
4hrs / week   5 ECTS

7090 **Software Autonome Mobile Roboter** (Stähle)
4hrs / week   5 ECTS

E-MOBILITY AND GREEN ENERGY (BACHELOR PROGRAM) – ENGLISH TAUGHT STUDY PROGRAM
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First Semester
4233 **Electrical Engineering 1: Analysis of Electric Networks** (Jobke)
4 hrs/week   5 ECTS credits

288 **Mathematics 1: Analysis 1 with Exercises** (Elser)
4 hrs/week   5 ECTS credits

3000 **Mathematics 2: Linear Algebra with Exercises** (Elser)
4 hrs/week   5 ECTS credits
5432 **Mathematics Tutorial** – Linear Algebra, Analysis 1 (Elser, Berens)

4341 **Programming** (Koch)
4 hrs/week   5 ECTS credits

1850 **Digital Technology** (Siggelkow)
4 hrs/week   5 ECTS credits
1438 **Digital Technology Practical** (Siggelkow)
4 hrs/week   ? ECTS credits

1402 **Physics Mechanics/ Physics 1** (Doderer, Sieber)
4 hrs/week   5 ECTS credits

Third Semester
4240 **Electrical Engineering 3: Circuit analysis in the time and frequency domains** (Berens)
4 hrs/week   5 ECTS credits

Robotics – Module: 5 ECTS credits
5761 **Robotics** + Lab (Wöllhaf, Glönkler)
4 hrs/week

5768 **Robotics** Practical
4 hrs/week

Electrical Engineering Practical – Module **5 ECTS**
5891 **Basic Practical Electrical Engineering 1: Basic Circuit** (Pfeil/ Weber/ Fessler)
2 hrs/week   3 ECTS credits
7079 **Basis Practical Course Electrical Engineering 2: Implementation and Verification** (Ruf)
2 hrs/week   2 ECTS credits
Possible to take as individual course – ECTS to clarify directly with professor

Automotive Engineering: Basics, Practical and CAD – Module: 10 ECTS
7087 **Automotive Engineering** (Reick)
4 hrs/week   5 ECTS credits
7034 **Practical Automotive Engineering** (Reick)
2 hrs/week   3 ECTS credits
7295 **Computer Aided Design (CAD)** (Reick)
2 hrs/week   2 ECTS credits

1815 **Electronics** (Ludescher)
4 hrs/week   5 ECTS credits

2119 **Machinery design (Machine construction)** (Pfeffer) – (replacing 7086 Machinery Design of Prof. Reick)
4 hrs/week   5 ECTS credits

7351 **Project – Seminar Scientific Work** (Siggelkow, Pfeil)
Block seminar   5 ECTS credits

<u>Fourth Semester</u>
10159 **Embedded GUI** (Berger)
4 hrs/week   5 ECTS credits

<u>Sixth/ Seventh Semester</u>
xxxx **Mathematics 4: Statistics and Numerics** (?) - Elective
4 hrs/week   5 ECTS credits

5839 **Intelligent Transportation Systems/ Traffic Telematics** (Fechter) - elective
4 hrs/week   5 ECTS credits

4913 **Hybrids in Cars** (Farkas)
4 hrs/week   5 ECTS credits

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First Semester

10361   Mathematics 1: Analysis 1 with Exercises (Smaga) (similar to ei/ em 288)
4 hrs/week   5 ECTS credits

10362   Mathematics 2: Linear Algebra with Exercises (Smaga) (similar to ei/ em 3000)
4 hrs/week   5 ECTS credits
10363   Tutorial – Analysis 1, Linear Algebra, (Smaga, Sieber) (similar to ei/ em 5432))

7805   Physics 1 - **Mechanics and thermodynamics** (Schlemmer) (similar to ei/ em 1402)
4 hrs/week   5 ECTS credits
7724   Tutorial / Physics 1: Mechanics and Thermodynamics (Baumgarten, Sieber)
2 hrs/week

7786   Chemistry (Kolacyak)
4 hrs/week   5 ECTS credits

6886   Electrical Engineering (Vogel)
4 hrs/week   5 ECTS credits

Computer Science, Module: 5 ECTS
198   Basic Principles of Computer Science (Eberhardt)
4 hrs/week
1420   Practical Computer Science (Eberhardt)
2 hrs/week

Third Semester

2111   Analysis 3: Numerical Analysis/ Mathematics (Smaga)
4 hrs/ week   5 ECTS credits

6050   Physics III – Optics and Waves, Physics IV - Quantum Physics (Schlemmer, Sieber)
6 hrs/ week   5 ECTS credits
1271   Practical Physics – practical training in experimental physics 1 (Eberhardt, Baumgarten, Herzer)
2 hrs/ week   5 ECTS credits

7409   Materials Science/ Materials (Kolacyk)
4 hrs/ week   5 ECTS credits

2119   Machine Design/ Machine Construction/ Design for TW (Pfeffer) (formerly 7086, Reick)
4 hrs/ week   5 ECTS credits

6051   Electronics 2 (Vogel)

4hrs/ week   5 ECTS credits

MECHANICAL ENGINEERING / INTERNATIONAL PROJECT ENGINEERING (BACHELOR PROGRAM) – ENGLISH TAUGHT STUDY PROGRAM (<mark>NEW AS OF SS 2023</mark>)

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288   Mathematics 1: Analysis 1 with Exercises (Elser)
4 hrs/week   5 ECTS credits

3000   Mathematics 2: Linear Algebra with Exercises (Elser)
4 hrs/week   5 ECTS credits

4233   Electrical Engineering 1: Analysis of Electric Networks (Jobke)
4 hrs/week   5 ECTS credits

10637   Introduction production technology (Straub)
4 hrs/week   5 ECTS credits

10516   Programming with Python (Harth, Zerrin)
4 hrs/week   5 ECTS credits

ELECTRICAL ENGINEERING AND EMBEDDED SYSTEMS (MASTER PROGRAM) – ENGLISH TAUGHT STUDY PROGRAM

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3008   Artificial Intelligence for Master (Ertel)
4hrs/ week   5 ECTS

3059   Lab on Artificial Intelligence (Ertel)
4hrs/ week   5 ECTS

7110   Communication 1 – Wireless Communication (Fechter)
4hrs/ week   5 ECTS

7790   Communication 2 – Nearfield Communication (Pfeil)
4 hrs/week   5 ECTS credits

Advanced Control Systems, Module: 5 ECTS
1706   Digital Control (Berger)
3 hrs/week
4876   Digital Control Lab (Berger)
2 hrs/week

Embedded Computing, Module: 5 ECTS
4874   Embedded Computing Lab (Pfeil)
2 hrs/week (SS only)
7193   Embedded Project (Brümmer)

3 hrs/week (SS only)

7781   **Computer Vision** (Elser, Berens) - elective - Profile Autonomous
4 hrs/week   5 ECTS credits

4872   **Computer Architecture** (Siggelkow) - elective – Profile IoT
4 hrs/week   5 ECTS credits

3311   **Robotics** (Wöllhaf, Stähle) - elective
4 hrs/week   5 ECTS credits
2172   **Lab on Robotics** (Wöllhaf) - elective
2 hrs/week   3 ECTS credits

7183   **Signal Processing 2 and Lab** (Schulter)
4hrs/ week   5 ECTS

4443   **Automation** (Ruf) - elective
4 hrs/week   5 ECTS credits

Process Interface, Module: total 8 ECTS - elective
1905   *Process Interface Equipment (Ruf)*
4 hrs/week   *5 ECTS credits (WS only)*
2171   **Lab on Process Interface Equipment** (Ruf)
2 hrs/week   3 ECTS credits (SS only)

1856   **System Analysis and Simulation with LabView for Master** (Georgi/ Hohl) - elective
4 hrs/week and Block seminar 25.-29.07   5 ECTS credits

7421   **Implementation of Closed Loop Digital Control Systems (DDC)** (Altmann) - elective
4 hrs/week   5 ECTS credits

7455   **Advanced software development for Autonomous Mobile Robots** (Ertel, Stähle) - elective
4 hrs/week   5 ECTS credits

7553   **Robocup@Home League Tournament Seminar for Masters** (Ertel, Stähle) - elective
4 hrs/week   5 ECTS credits

10280   **Autonomous Driving** (Grösch) - elective
Block seminar   3 ECTS credits

6807   **Processes and Automation in Photovoltaics** (Niedermeier, Fath) - elective
4hrs/ week   5 ECTS

5812   **Machine Learning for Intelligent Systems** (xx) - elective
4hrs/ week   5 ECTS

5149   Working in International Scientific Project teams (Rudolph) - elective
4hrs/ week   5 ECTS

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3008   Artificial Intelligence for Master (Ertel)
4hrs/ week   5 ECTS

3059   Lab on Artificial Intelligence (Ertel)
4hrs/ week   5 ECTS

2233   Electrical Drives (Farkas)
4 hrs/week   5 ECTS credits

4443   Automation (Ruf)
4 hrs/week   5 ECTS credits

1856   System Analysis and Simulation with LabView for Master (Georgi, Hohl)
4 hrs/week and Block seminar 25.-29.07   5 ECTS credits

Process Interface, Module: total 8 ECTS
1905   Process Interface Equipment (Ruf)
4 hrs/week   5 ECTS credits (WS only)
2171   Lab on Process Interface Equipment (Ruf)
2 hrs/week   3 ECTS credits   (SS only)

Advanced Control Systems/ Digital Control, Module: 5 ECTS
1706   Digital Control (Berger)
3 hrs/week
4876   Digital Control Lab (Berger)
2 hrs/week

3311   Robotics (Wöllhaf, Stähle)
4 hrs/week   5 ECTS credits
2172   Lab on Robotics (Wöllhaf)
2 hrs/week   3 ECTS credits

4874   Embedded Computing Lab (Pfeil)
2 hrs/week (SS only)

6807   Processes and Automation in Photovoltaics (Niedermeier, Fath) - elective
4hrs/ week   5 ECTS

7421   Implementation of Close Loop Digital Control Systems (DDC) (Altmann) - elective

4 hrs/week   5 ECTS credits

7553   Robocup@Home League Tournament Seminar for Masters (Stähle) - elective
4 hrs/week   5 ECTS credits

10280   Autonomous Driving (Grösch) - elective
2 hrs/week   3 ECTS credits

5812   Machine Learning for Intelligent Systems (xx) - elective
4hrs/ week   5 ECTS

5149   Scientific Project – Working in International Scientific Project Teams (Rudolph)
4 hrs/week   5 ECTS credits?

TECHNOLOGY MANAGEMENT AND OPTIMIZATION (MASTER PROGRAM)
==Lectures offered in the frame of the TM&O Master program **are open for Master students only**!==
Course plan has been changed – most of the courses are held in German
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to be updated – please check LSF for the courses and discuss with Barbara Wildenhain the possibilities

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INTERNATIONAL ACADEMY – ONE OR TWO SEMESTERS OF INTERDISCIPLINARY STUDY PROGRAM IN ENGLISH ON BACHELOR LEVEL (TAKING SINGLE/ INDIVIDUAL COURSES IS POSSIBLE)
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! Students can choose any of course(s) they are interested in but in order to receive an RWU certificate for the International Academy students have to earn a minimum of 30 ECTS per semester incl. at least one practical project and one German course, as well as some compulsory and some elective courses!

10102   Cross cultural communication and team work (Eberhardt Hohl)
Block seminar   3 ECTS credits

10105   Practical Sales Project Seminar (Thomas Fuss)
2 hrs/week   5 ECTS credits

10106   Research Methods in Business Marketing (Nayan Kadam)
2 hrs/week   5 ECTS credits

7184   B2B Marketing & Sales (Ahmadi, Frau Prof. B. Niersbach)
2 hrs/week   5 ECTS credits

10107   Entrepreneurial Leadership (Prof. Opas Piansoongnern)
2 hrs/week   3 ECTS credits

10357   Consumer Psychology (Prof. Götz Walter)
2 hrs/week   3 ECTS credits

9

4906   Business Analysis and Valuation (Frau Prof. C. Neff)
2 hrs/week   5 ECTS credits

10613   The Economics of the Welfare State (Haupt)
2 hrs/week   2 ECTS credits

BACHELOR LEVEL – Lectures in English language in various study fields
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1825   Operating Systems (Inan) (Applied Computer Science – AI)
4hrs/week   5 ECTS credits

6763   User Experience Design (Ehret, Gräf) (Media Design, MD) – optional in English
6 hrs/week   10 ECTS credits

7149   Interaction Design (Ehret, Gast) (Media Design, MD) – optional in English
4hrs/week   5 ECTS credits

7217   Game Design (Scherzer) (Media Design, MD) – optional in English
4hrs/week   5 ECTS credits

7667   Designing AR/ VR Experiences (Lauterbach) (Media Design, MD) – optional in English
4 hrs/week   5 ECTS credits

7214   Motion Design (Lauterbach) (Media Design, MD) – optional in English
8 hrs/week   10 ECTS credits

7090   Autonomous Mobile Robots (Schneider, Stähle) (AI)
4 hrs/week   5 ECTS credits

8965   Computer Aided Design CAD (Baumgart) (Technology Management – TM)
2 hrs/week   2 ECTS credits

10613   The Economics of the Welfare State (Haupt)
2 hrs/week   2 ECTS credits

MASTER LEVEL – Lectures in English language in various study fields
_____

3008   Artifical Intelligence for Master (Ertel)
4 hrs/week   5 ECTS credits
3059   Lab on Artifical Intelligence for Master (Ertel)
2 hrs/week   2 ECTS credits

5812   **Machine learning for Intelligent Systems** (Schneider)
4 hrs/week   5 ECTS credits

6279   **Computer Graphics for Master** (Scherzer) (Computer Science - IN) – optional in English
4hrs/week   5 ECTS credits

6768   **Game development for Master** (Scherzer) (Computer Science - IN) – optional in English
4hrs/week   5 ECTS credits

7532   **Shader Programming** (Scherzer) (Computer Science – IN) – optional in English
4 hrs/ week   5 ECTS credits

7183   **Signal Processing 2 and Lab** (Schulter) (Computer Science – IN)
4 hrs/ week   5 ECTS credits

7592   *Hardware Security* (Eggendorfer, Inan) (Computer Science – IN) ???
4 hrs/ week   5 ECTS credits
Blended-Learning-Course with Presence Phases (please check LSF!)
(!!WS23/24 7435 Software Security, SS24 IT Forensics, WS24/25 7592 Hardware Security, SS25 7435 Software Security, WS25/26 IT Forensics – rotating!!)

7954   **Deep Learning** (Schutera) (Informatik – IN) - 15 participants
2 hrs/ week   2 ECTS credits

3939   **Computational Methods in Engineering** (Harth) (Product Dev. in Mech. Engineering - PEM) – in English?
2 hrs/week   3 ECTS credits

LANGUAGE LECTURES AND INTERCULTURAL SEMINARS (CLIC)
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German as a foreign language = Deutsch als Fremdsprache (DaF)
4382   **DAF - Deutsch als Fremdsprache A1+**
4 hrs/week   4 ECTS credits
The course starts with an intensive program from March 4 – 10, 2023 and continues weekly with 4hrs Wed mornings from 15.03.

4634   **DAF - Deutsch als Fremdsprache A2**
4 hrs/week   4 ECTS credits
The course starts with an intensive program from March 4 – 10, 2023 and continues weekly with 4hrs Wed mornings from 15.03.

4630   **DAF - Deutsch als Fremdsprache B1+**
The course starts with an intensive program from March 4 – 10, 2023 and continues weekly with 4hrs Wed mornings from 15.03.
4 hrs/week   4 ECTS credits

4631   **DAF - Deutsch als Fremdsprache B2**

4 hrs/week   4 ECTS credits

4632   DAF – Deutsch als Fremdsprache C1.1

3 hrs/week   2 ECTS credits

NO intensive course! Starts on Wed, March 15th with regular weekly courses; you need to do the placement test, and if you are indeed at C1 level you could - upon discussing with us - still participate in the B2 Intensive Course as a refresher and then start your C1 course with the beginning of the regular lectures

5144   DaF – Presentation and Documentation / Präsentation und Dokumentation

2 hrs/week   2 ECTS credits

English

10214 English B1 (Le Roy) – 2 groups

2 hrs/week   2 ECTS credits

10215 English B2 (Le Roy) – 2 groups – (course takes two semesters to finish but you can ask if you can only do one semester and still get a credit!)

2 hrs/week   2 ECTS credits

7753 Professional English, B2 (Conner) 2 groups– (whole course finished in one semester)

2 x2 hrs/week   2 ECTS credits

7486 Professional English, B2 (Schütze, Walz) 2 groups – (whole course finished in one semester)

2 x2 hrs/week   2 ECTS credits

7488 Professional English, B2 (Schütze, Walz) 2 groups – (whole course finished in one semester)

2 x2 hrs/week   2 ECTS credits

7487+7456+10350 Professional English, B2 (Schütze) 2 groups – (whole course finished in one semester)

2 x2 hrs/week   2 ECTS credits

3318 Professional English 1, B2 (Schütze) 4 groups – (course takes two semesters to finish but you can ask if you can only do one semester and still get a credit!)

2 hrs/week   2 ECTS credits

6848 Professional English 1, B2 (Schütze, Da Silva) 2 groups – (course takes two semesters to finish but you can ask if you can only do one semester and still get a credit!)

2 hrs/week   2 ECTS credits

7367 Professional English 2, B2 (Ironside) 2 groups – (second part of an English course consisting of two courses, check if you can join and if you would still get credits)

2 hrs/week   2 ECTS credits

7137 Professional English 2, B2 (Ironside, Da Silva) 2 groups – (second part of an English course consisting of two courses, check if you can join and if you would still get credits)

2 hrs/week   2 ECTS credits

3166 Technical English (Matter)
2 hrs/week   2 ECTS credits

10210 Improve your speaking skills, C1 (Hopkins)
2 hrs/week   2 ECTS credits

8170 English for Specific Purposes: Get on the right track (Hopkins)
2 hrs/week   2 ECTS credits

10550 ESP: Financial English (Baldy – Kühnapfel) - ONLINE
2 hrs/week   2 ECTS credits

10342 ESP: Vital Skills for the future Leader/ Manager (Hopkins)
2 hrs/week   2 ECTS credits

10194 ESP – Student EQ Edge – Emotional Intelligence and your success (Hopkins)
2 hrs/week   2 ECTS credits

7398 ESP – English for Marketing (Baldy - Kühnapfel)
2 hrs/week   2 ECTS credits

898 English Negotiating (Rudolph, Frank)
Block seminar   2 ECTS credits, 25.03., 01.04., 15.04. – 09:00 – 16:00

Seminars on intercultural and other topics
5149 Working in International Scientific Project Teams (Rudolph)
Block Seminar   1 ECTS credit, 22.04. First group, 29.04. Second group
If you want to participate, please let me know! This is normally for Master student and we need to check availabilities

6392 The Key to a Successful Job Application - CV Writing and Interview Techniques (Ironside, Duncan)
Block Seminar   2 ECTS credits

3971 Creative Problem Solving (Frank Rudolph)
Block seminar   3 ECTS credits 20.03., 27.03., 3.04., 17.04., 24.04., 08.05., 15.05.

4656 Intercultural Sensitization (Natalia de Pascale Speck and team)
Block seminar   1 ECTS   credit Group 1: 06.05.2023, Group 2: 13.05.2023

10190 Intercultural communication – Focus on China and East Asia (Wang)
Block seminar   1 ECTS credit, 25.03., 01.05., 15.04.2023 – 09:00 – 16:00

10068 DaF Applicants training for international students (Ritter)
Block seminar   1 ECTS credits, 22.03., 29.03., 05.04., 19.04., 16:00 – 18:30

10598 Intercultural Team- and Project Management (Da Silva)
4 SWS   4 ECTS credits

7395   Fit für wissenschaftliches Schreiben – in German! (Dr. König, Dr. Vees, Zinke) - ONLINE
Block seminar   3 ECTS credits 20.03., 27.03., 3.04., 17.04., 24.04., 08.05., 15.05.

<u>Other language courses at various levels</u>
156   Italian A1.1 (Esposito – Depprich)
2 hrs/week   2 ECTS credits

4370   Italian A1.2 (Esposito – Depprich)
2 hrs/week   2 ECTS credits

6415   Italian A2.1 (De Pascale Speck)
2 hrs/week   2 ECTS credits

10180   Italian B1.1 (De Pascale Speck)
2 hrs/week   2 ECTS credits

8140   Italian Cherasco Storia 21.03. – 23.05.2023, (De Pascale Speck)
1 hrs/week   1 ECTS credits

10205   French A1.1 (Ristau)
2 hrs/week   2 ECTS credits

3324   French A1.2 (Ristau)
2 hrs/week   2 ECTS credits

5408   French A1.2 (Ristau)
2 hrs/week   2 ECTS credits

4416   French conversation B1 (Ristau) – ONLINE
2 hrs/week   2 ECTS credits

753   French conversation B (Ronssin) – ONLINE
2 hrs/week   2 ECTS credits

6078   Economic French – Wirtschaftsfranzösisch, B2 – C1 (Ronssin) - ONLINE
2 hrs/week   2 ECTS credits

10002   Spanish A1.1 Group 1 (Buhmann)
3 hrs/week   2 ECTS credits

10002   Spanish A1.1 Group 2 (Kösler)
3 hrs/week   2 ECTS credits

10085   Spanish A1.1 with some previous knowledge of the language (Buhmann)
3 hrs/week   2 ECTS credits

4220   Brazilian- Portuguese A1.1 for beginners (Neudert-Ramos)
3 hrs/week   2 ECTS credits

4612   Turkish A1 (Dumann)
2 hrs/week   2 ECTS credits

6425   Turkish A2 (Dumann)
2 hrs/week   2 ECTS credits

10475   Turkish B1 (Dumann)
2 hrs/week   2 ECTS credits

16   Russian A1.1 (Manal)
2 hrs/week   2 ECTS credits

5578   Turkish A1.1 (Manal)
2 hrs/week   2 ECTS credits